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1yy8



Crystal structure of the Fab fragment from the monoclonal antibody cetuximab/ Erbitux/ IMC-C225



Characteristics

Release Date: 26-Apr-2005 Exp. Method:

Resolution: 2.00 Å

Classification

Immune System

Compound

Polymer: 1 Molecule: Cetuximab Fab Li Chains: A,C

Polymer: 2 Molecule: Cetuximab Fab H Chains: B,D

Authors

Li, S., Schmitz, K.R., Jeffrey, P.D., J.J.W., Kussie, P., Ferguson, K.M.

1yy9



Structure of the extracellular domain of the epidermal growth factor receptor in complex with the Fab fragment of cetuximab/ Erbitux/ IMC-C225



Characteristics

Release Date: 26-Apr-2005 Exp. Method:

Resolution: 2.61 Å

Classification

Immune System/ signaling Protein

Compound

Polymer: 1 Molecule: Epidermal Growth Receptor Fragment Ectodomain Cha

no.: 2,7,1,112

Polymer: 2 Molecule: Cetuximab Fab Li Chains: C

Polymer: 3 Molecule: Cetuximab Fab H Chains: D

Polymer: 5 Molecule: SUGAR (9-MER)

Polymer: 6 Molecule: SUGAR (2-MER)

Authors

Li, S., Schmitz, K.R., Jeffrey, P.D., J.J.W., Kussie, P., Ferguson, K.M.

2itc

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN G719S MUTATION IN COMPLEX WITH IRESSA

**Characteristics**

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 3.25 Å

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Mutation: YES

no.: 2.7.10.1

Authors

Yun, C.-H., Boggon, T.J., Li, Y., Wo, S., Greulich, H., Meyerson, M., Eck

 2itg

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN G719S MUTATION IN COMPLEX WITH AFN941

**Characteristics**

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.68 Å

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Mutation: YES

no.: 2.7.10.1

Authors

Yun, C.-H., Boggon, T.J., Li, Y., Wo, S., Greulich, H., Meyerson, M., Eck

 2itl

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN L858R MUTATION IN COMPLEX WITH AEE788

**Characteristics**

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.73 Å

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Mutation: YES

no.: 2.7.10.1

Authors

Yun, C.-H., Boggon, T.J., Li, Y., Wo, S., Greulich, H., Meyerson, M., Eck

 2itu

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN L858R MUTATION IN COMPLEX WITH AFN941

**Characteristics**

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.80 Å

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Mutation: YES

no.: 2.7.10.1

Other Details: EGFR L858R

Yun, C.-H., Boggon, T.J., Li, Y., Wo,

Authors

S., Greulich, H., Meyerson, M., Eck, M.J.

 2itw

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN IN COMPLEX WITH AFN941

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.88 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Chains: A EC

no.: 2.7.10.1

Yun, C.-H., Boggon, T.J., Li, Y., Wo S., Greulich, H., Meyerson, M., Eck

Authors 2ity

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN IN COMPLEX WITH IRESSA

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 3.42 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Chains: A EC

no.: 2.7.10.1

Yun, C.-H., Boggon, T.J., Li, Y., Wo S., Greulich, H., Meyerson, M., Eck

Authors 2itz

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN L858R MUTATION IN COMPLEX WITH IRESSA

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.80 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Mutation: YES

no.: 2.7.10.1

Yun, C.-H., Boggon, T.J., Li, Y., Wo S., Greulich, H., Meyerson, M., Eck

Authors 2j5e

CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN IN COMPLEX WITH AN IRREVERSIBLE INHIBITOR 13-JAB

Release Date: 27-Feb-2007 Exp. Method:

Resolution: 3.10 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KIN/RESIDUES 696-1022 Chains: A EC

no.: 2.7.10.1 **Authors**

Yun, C.-H., Eck, M.J.

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